

| Ref # | Hits | Search Query                             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 80   | non-contact:adj align\$6                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 15:54 |
| S2    | 72   | non-contact near10 inspect               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 16:42 |
| S3    | 0    | S2 near10 (liquid adj crystal adj cell)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 15:56 |
| S4    | 1    | 349/192 and (non-contact near10 inspect) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 16:55 |
| S5    | 0    | 349/73 and (non-contact near10 inspect)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 16:43 |
| S6    | 72   | 349/74and (non-contact near10 inspect)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 16:43 |
| S7    | 519  | 349/74                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 16:43 |
| S8    | 345  | 349/73                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/25 16:43 |

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| S9  | 253  | 349/192   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 16:43 |
| S10 | 2    | 349/192 and (mother adj<br>substrate)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 16:44 |
| S11 | 1    | 349/73 and (mother adj substrate)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 16:45 |
| S12 | 0    | 349/74 and (mother adj substrate)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 16:44 |
| S13 | 1566 | (non-contact and inspect)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 16:56 |
| S15 | 105  | (non-contact and inspect) and<br>(liquid adj crystal) and align\$6    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 16:57 |
| S16 | 105  | (non-contact and inspect) and<br>(liquid adj crystal) and align\$6    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 17:05 |
| S17 | 6    | (non-contact near10 inspect) and<br>(liquid adj crystal) and align\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/25 17:05 |

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| S18 | 6    | ((non-contact and inspect) near10 cell) and (liquid adj crystal)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 09:48 |
| S19 | 158  | (non-contact and inspect) and (liquid adj crystal)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:07 |
| S20 | 2    | "6391137".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:35 |
| S21 | 2    | "6397137".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:10 |
| S26 | 2401 | (align\$4 adj material)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:41 |
| S27 | 0    | ((align\$4 adj material) near10 (cabon with bond)) and (atomic adj beam) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:39 |
| S28 | 0    | ((align\$4 adj material) near10 (cabon near10 bond))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:40 |
| S29 | 12   | (align\$4 adj material) near10 carbon                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:48 |

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| S30 | 349 | (align\$4 adj material) and carbon   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/28 12:48 |
| S31 | 2   | (align\$4 adj material) and carbon<br>and (atomic adj beam)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:10 |
| S32 | 80  | (align\$4 adj material) and<br>diamond   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:11 |
| S33 | 96  | (align\$4 adj material) and<br>(diamond DLC)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:11 |
| S34 | 22  | (align\$4 adj material) and<br>(diamond-like-carbon DLC)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:16 |
| S35 | 16  | (align\$4 adj material) and carbon<br>and (double adj bond) and (single<br>adj bond)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:58 |
| S36 | 1   | (align\$4 adj material) and carbon<br>and (double adj bond) and (single<br>adj bond) and (atomic adj beam) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:17 |
| S37 | 366 | (fence seal) and 349/153   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 12:59 |

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| S38 | 6    | (fence seal) and 349/153 and (mother adj substrate)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 13:44 |
| S39 | 5    | (test adj driv\$4 adj signal) and (photoelectro-motive adj force)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 17:02 |
| S40 | 8466 | (light near10 transform)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 15:57 |
| S41 | 1401 | (light near10 transform)and (data near10 image)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 15:57 |
| S42 | 858  | (light near10 transform)and (data near10 image) and compare\$4                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 15:58 |
| S43 | 489  | (light near10 transform)and (data near10 image) and compare\$4 and detect               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 15:58 |
| S44 | 479  | (light near10 transform)and (data near10 image) and compare\$4 and detect and reference | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 16:39 |
| S45 | 188  | S44 and (liquid adj crystal)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 16:00 |

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| S46 | 48   | light near10 (mother adj substrate)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 16:41 |
| S47 | 5    | (photoelectro-motive adj force) near10 test               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 17:49 |
| S48 | 1619 | (cut near10 laser) and (liquid adj crystal)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 17:50 |
| S49 | 125  | ((cut near10 laser) near10 edge) and (liquid adj crystal) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/29 17:51 |